

Appendix Test Data forSRD (Conducted Measurement)

Product Name: DINOSAUR SERIE

Trade Mark: /

Test Model: LH-D019

FCC ID: 2AJGI-LH-D019

Environmental Conditions

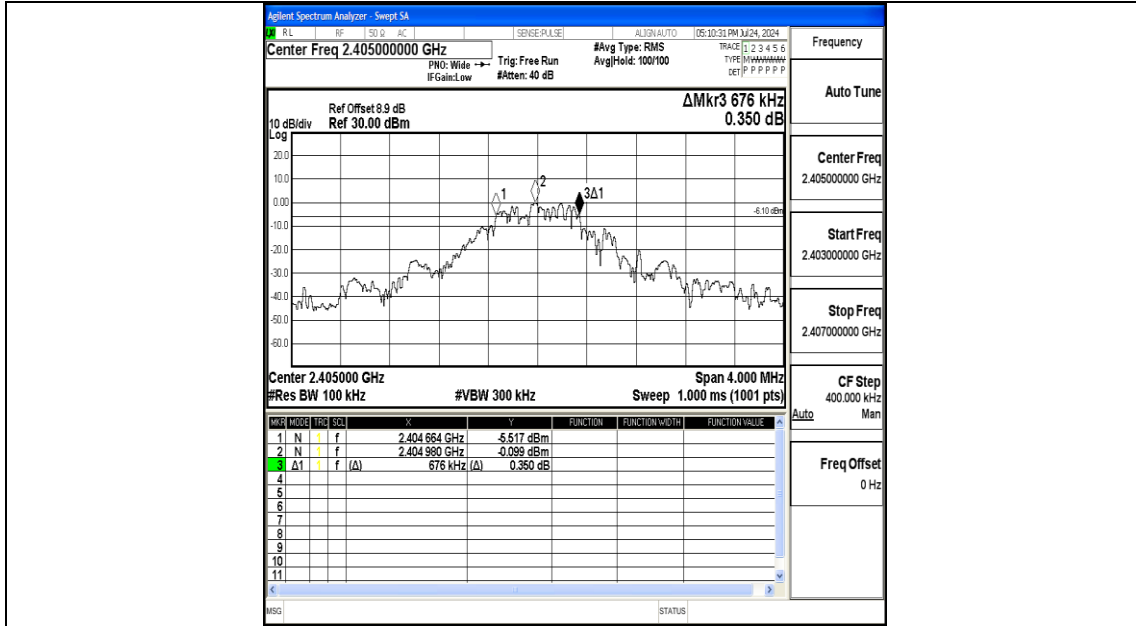
Temperature:	23.8℃
Relative Humidity:	58%
ATM Pressure:	100.0 kPa
Test Engineer:	Allen Lai
Supervised by:	Hugo Chen
NOTE	N/A

Appendix A: DTS Bandwidth

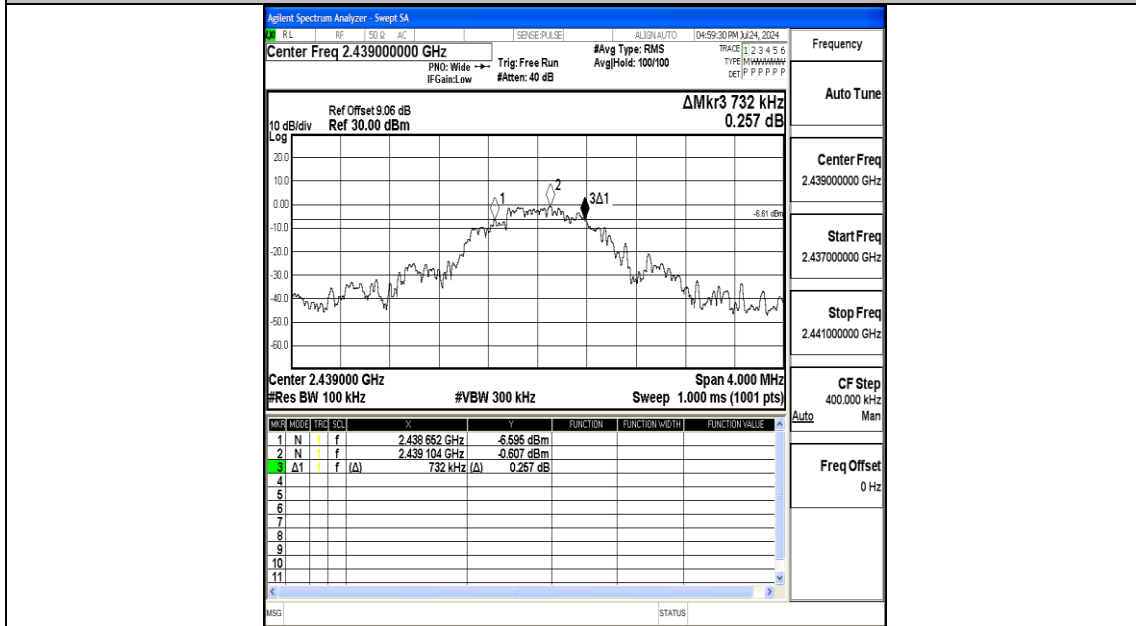
Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
SRD	Ant1	2405	0.676	2404.664	2405.340	0.5	PASS
SRD	Ant1	2439	0.732	2438.652	2439.384	0.5	PASS
SRD	Ant1	2475	0.728	2474.652	2475.380	0.5	PASS

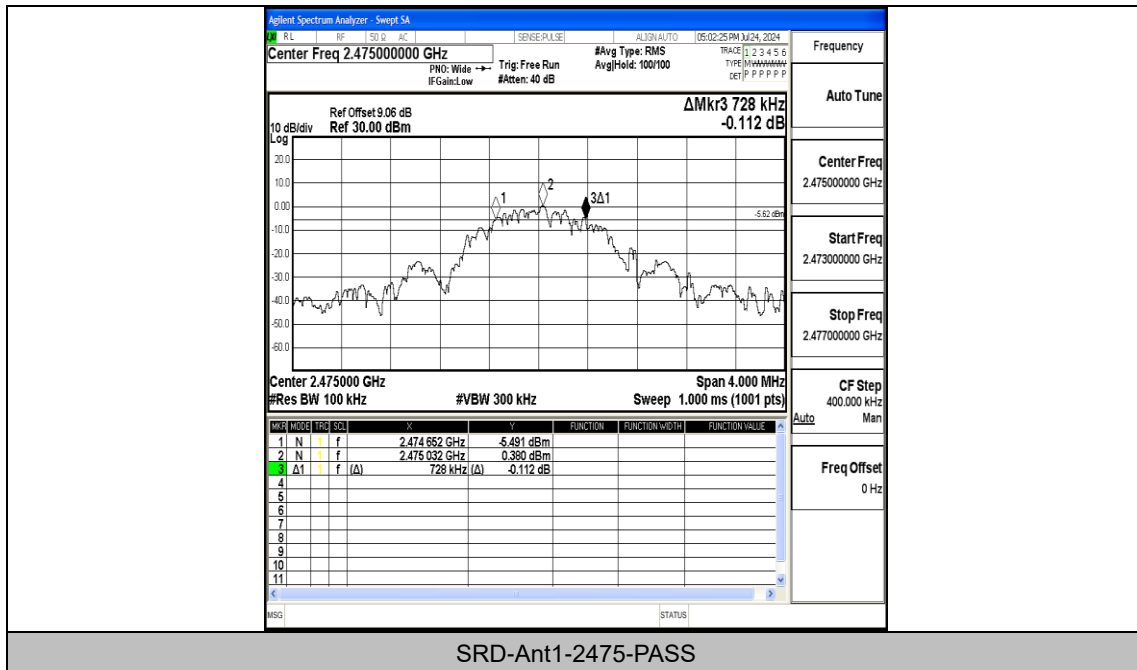
Test Graphs



SRD-Ant1-2405-PASS



SRD-Ant1-2439-PASS

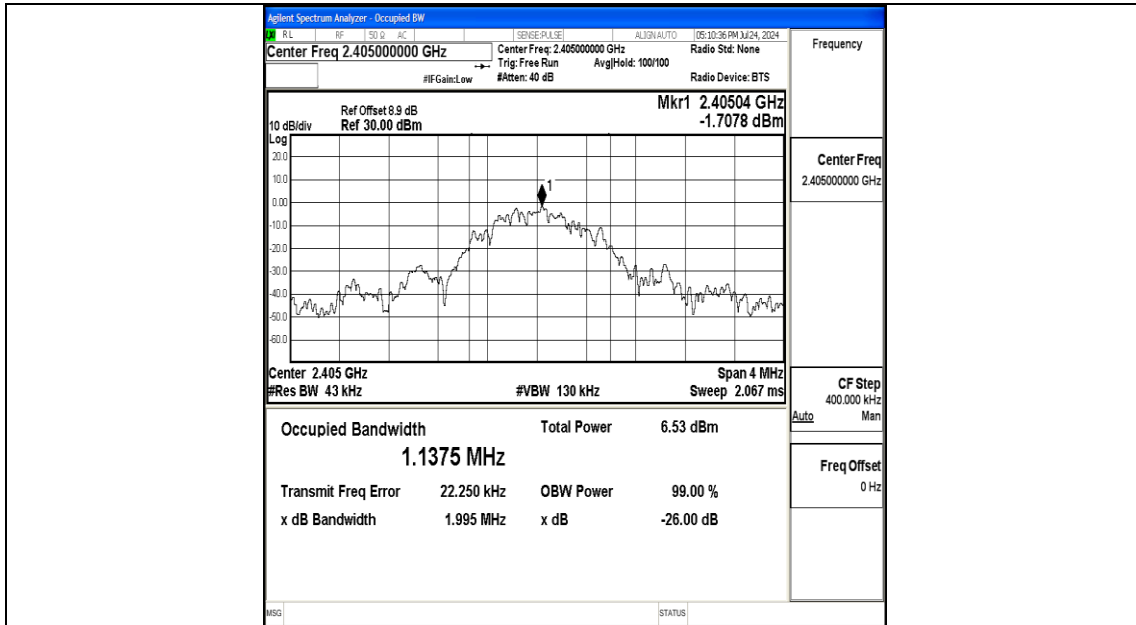


Appendix B: Occupied Channel Bandwidth

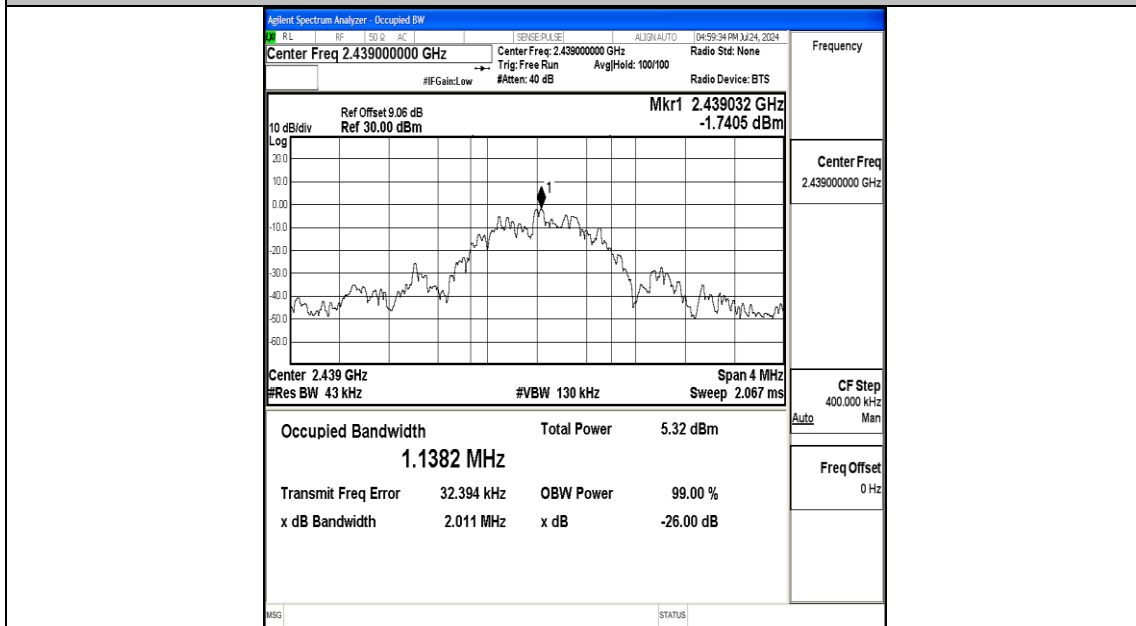
Test Result

TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
SRD	Ant1	2405	1.1375	2404.4535	2405.5910	---	---
SRD	Ant1	2439	1.1382	2438.4633	2439.6015	---	---
SRD	Ant1	2475	1.1995	2474.4540	2475.6535	---	---

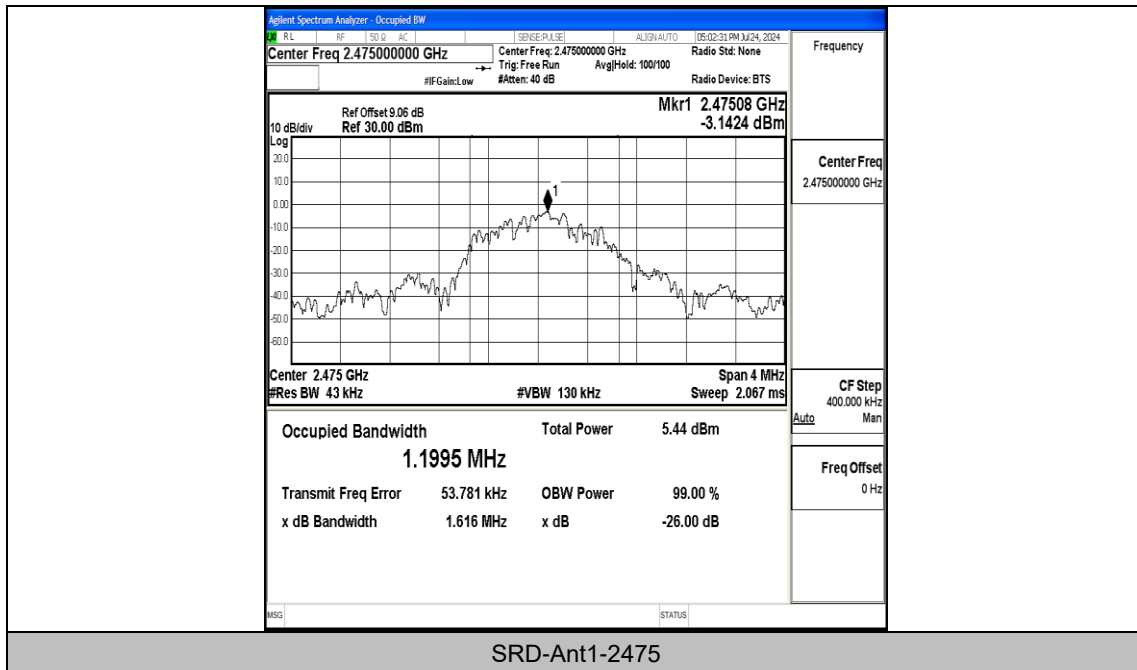
Test Graphs



SRD-Ant1-2405



SRD-Ant1-2439

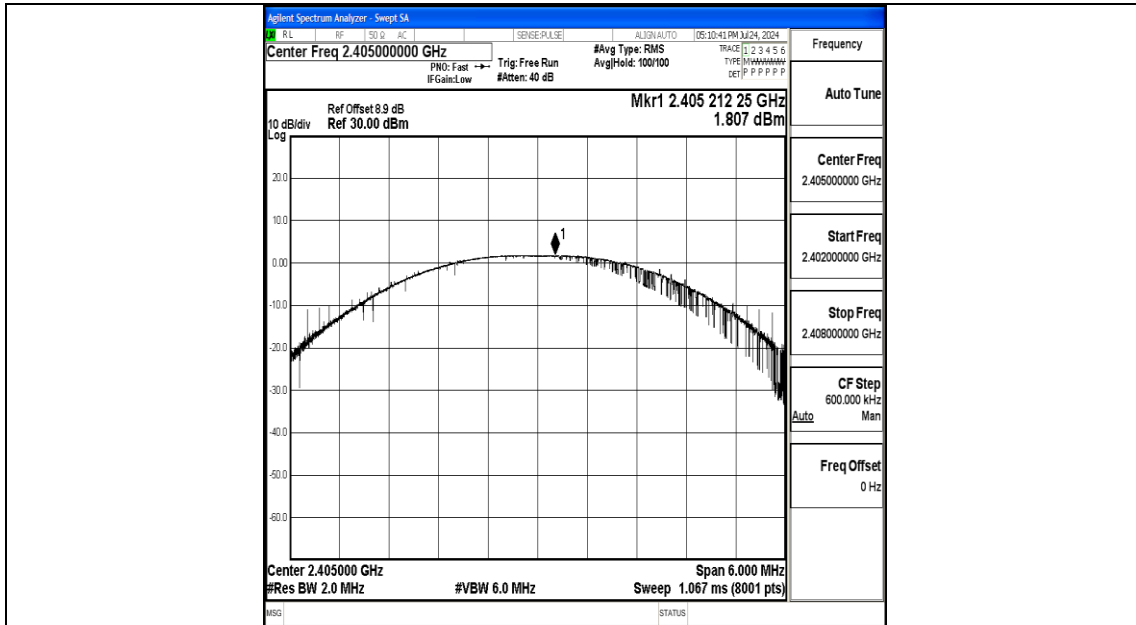


Appendix C: Maximum peak conducted output power

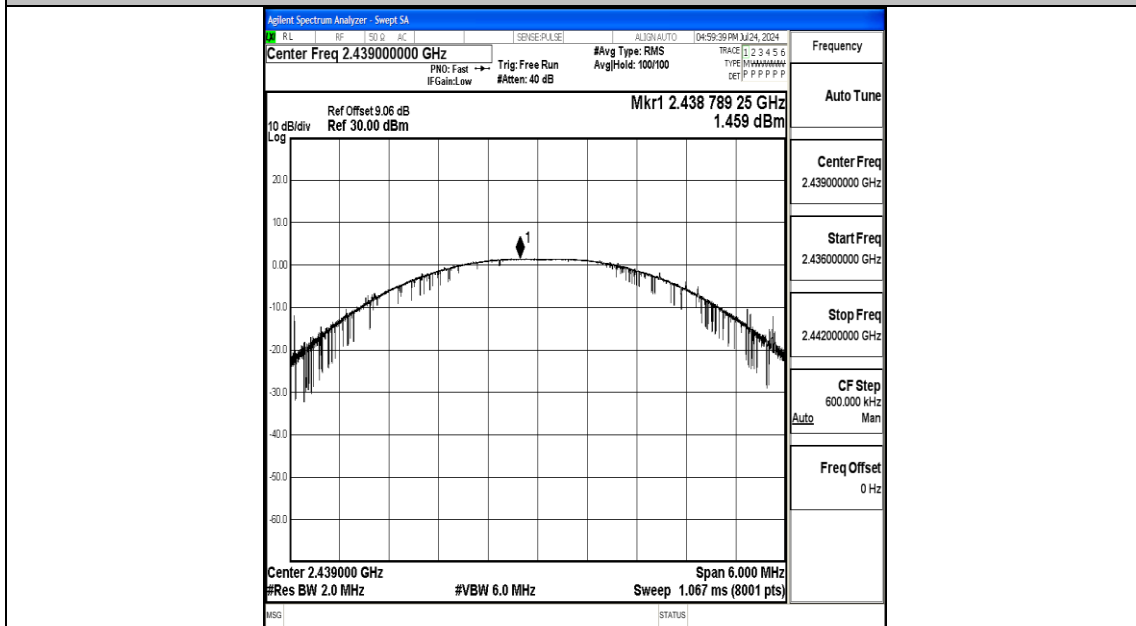
Test Result Peak

TestMode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
SRD	Ant1	2405	1.81	≤30	PASS
SRD	Ant1	2439	1.46	≤30	PASS
SRD	Ant1	2475	1.75	≤30	PASS

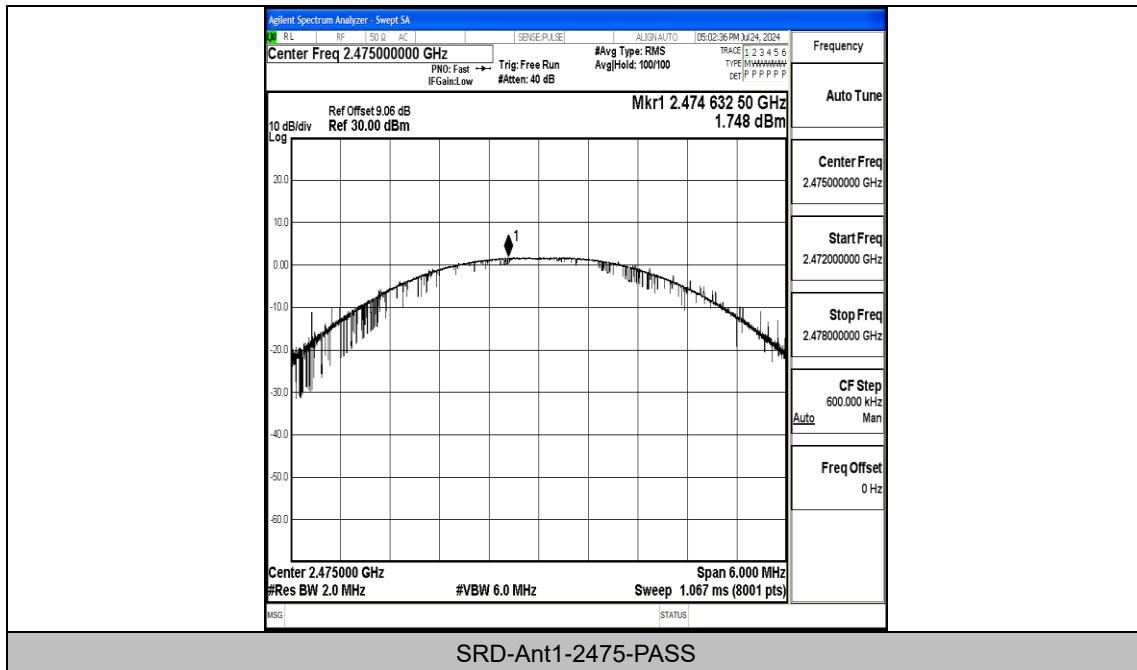
Test Graphs Peak



SRD-Ant1-2405-PASS



SRD-Ant1-2439-PASS

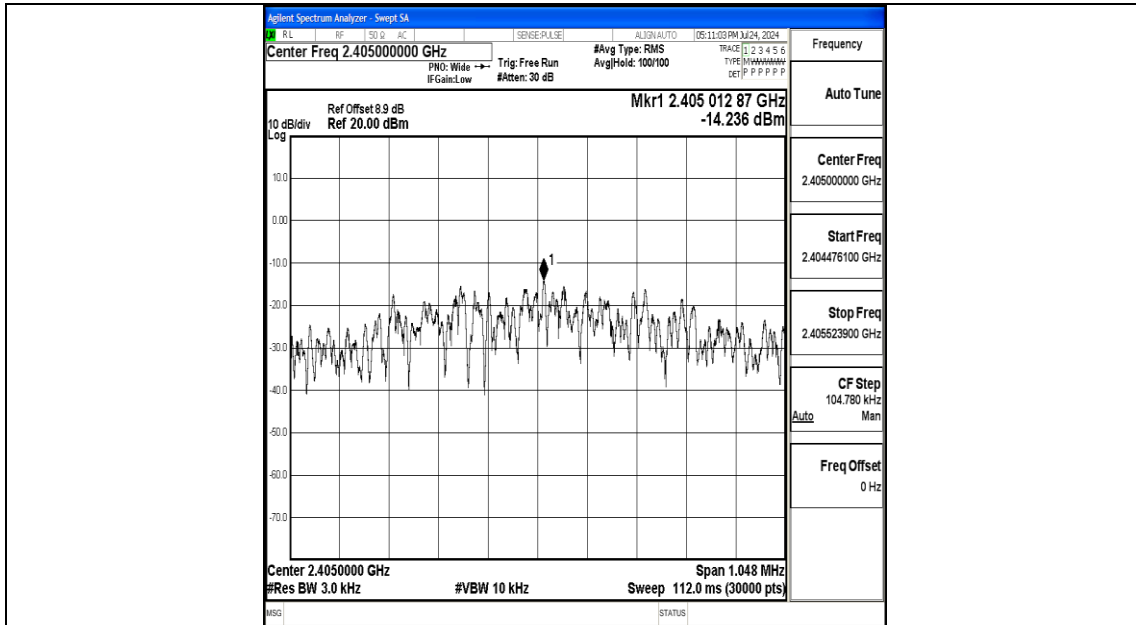


Appendix D: Maximum peak power spectral density

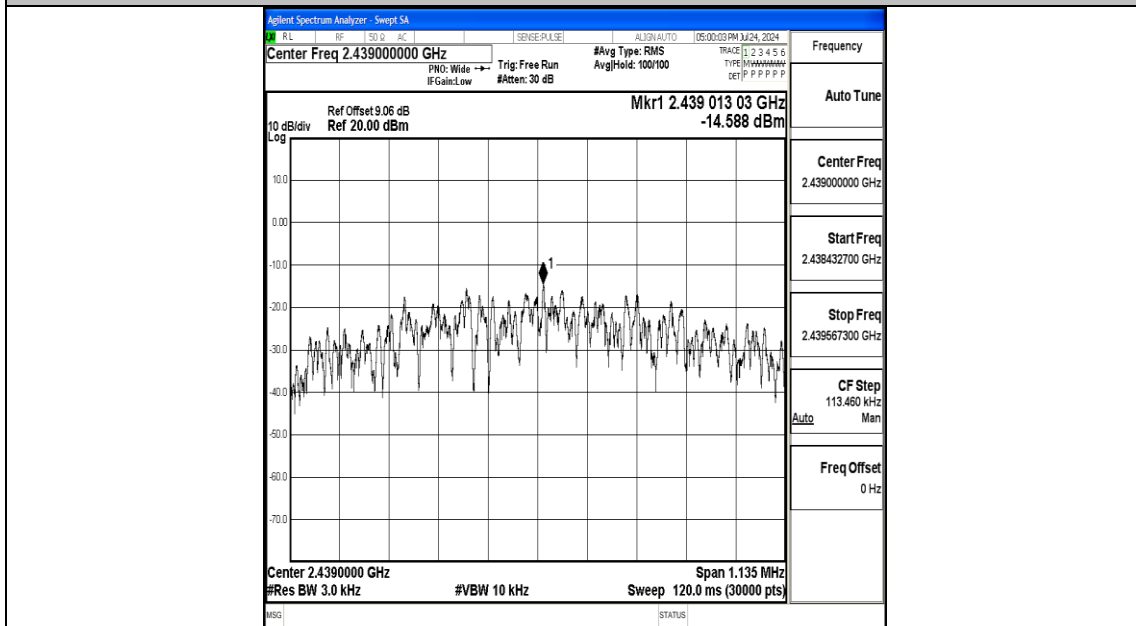
Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
SRD	Ant1	2405	-14.24	≤8.00	PASS
SRD	Ant1	2439	-14.59	≤8.00	PASS
SRD	Ant1	2475	-14.53	≤8.00	PASS

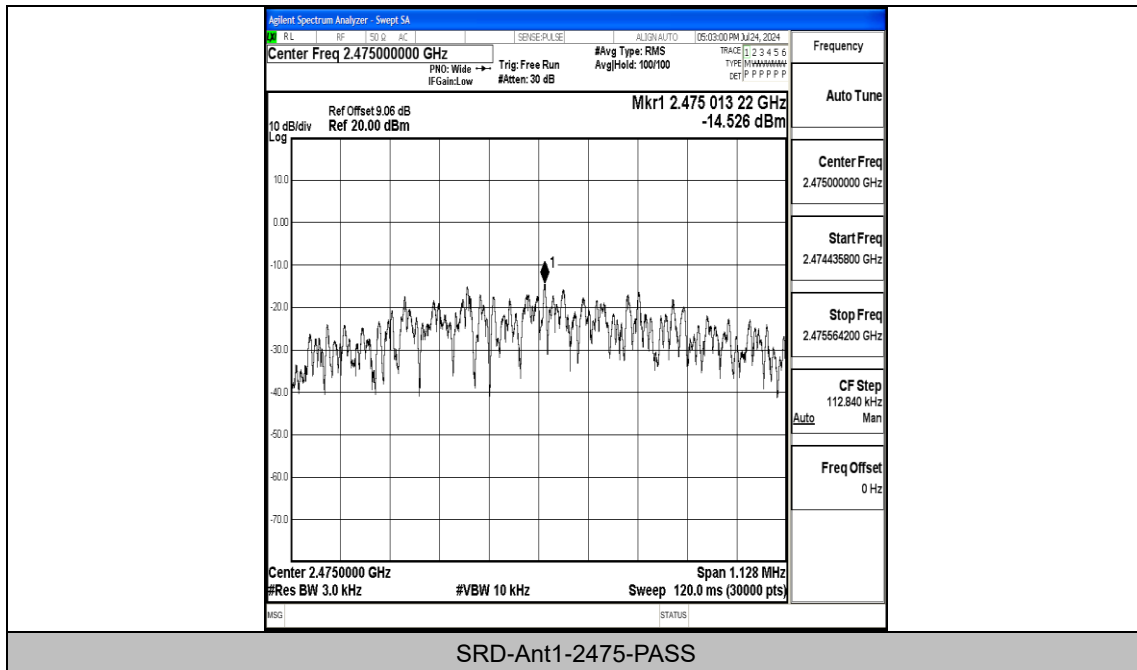
Test Graphs



SRD-Ant1-2405-PASS



SRD-Ant1-2439-PASS

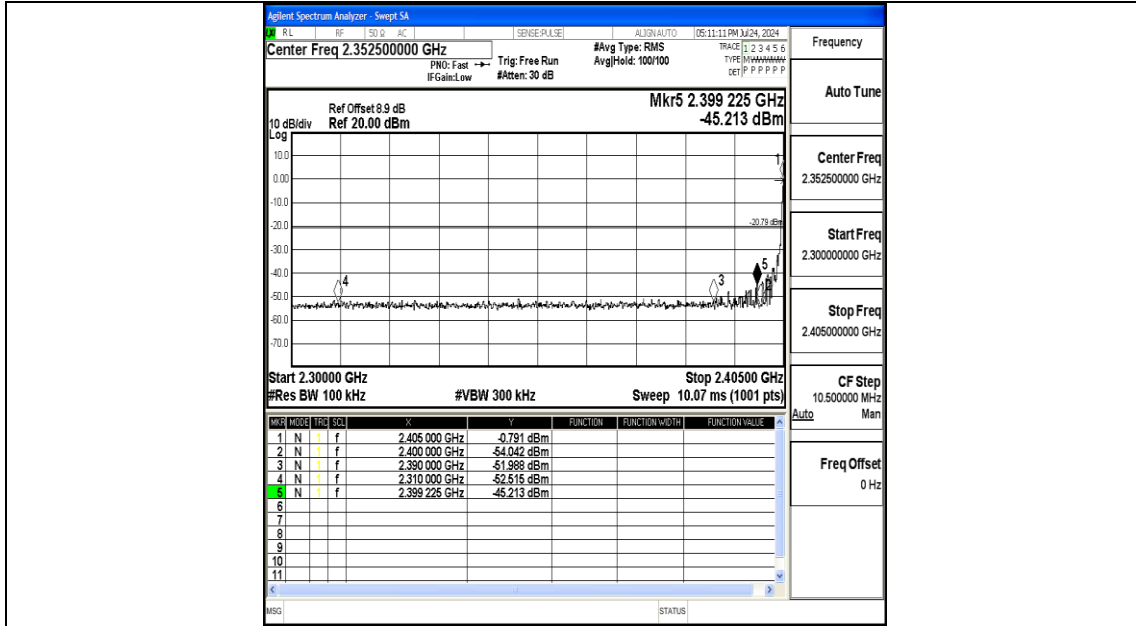


Appendix E: Band edge measurements

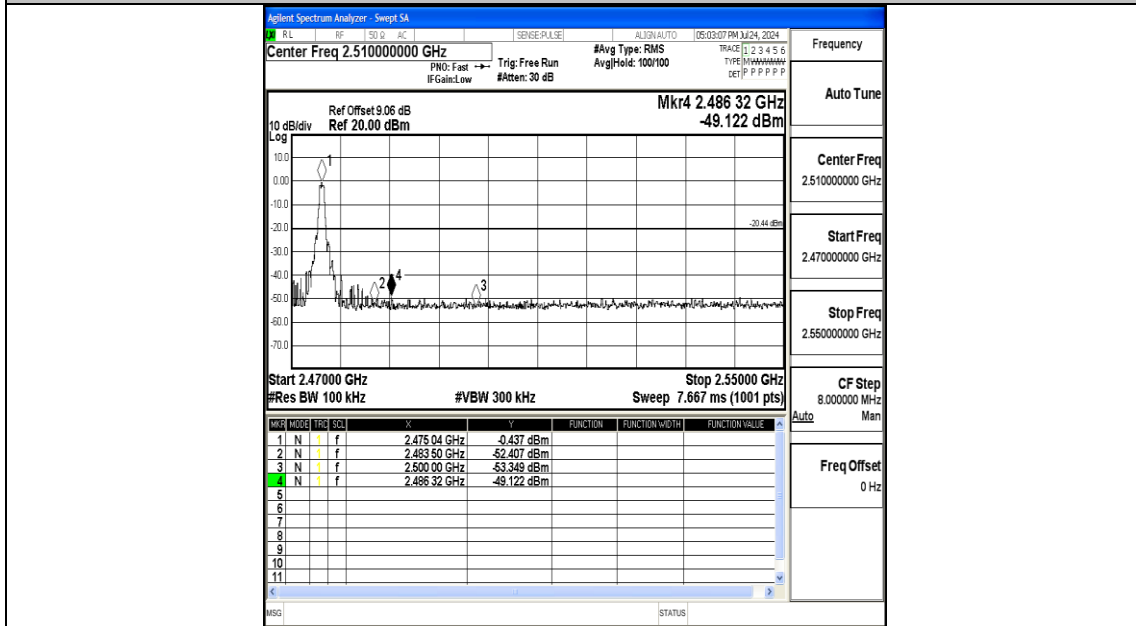
Test Result

TestMode	Antenna	Channel	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
SRD	Ant1	Low	2405	-0.79	-45.21	≤-20.79	PASS
SRD	Ant1	High	2475	-0.44	-49.12	≤-20.44	PASS

Test Graphs



SRD-Ant1-2405-PASS



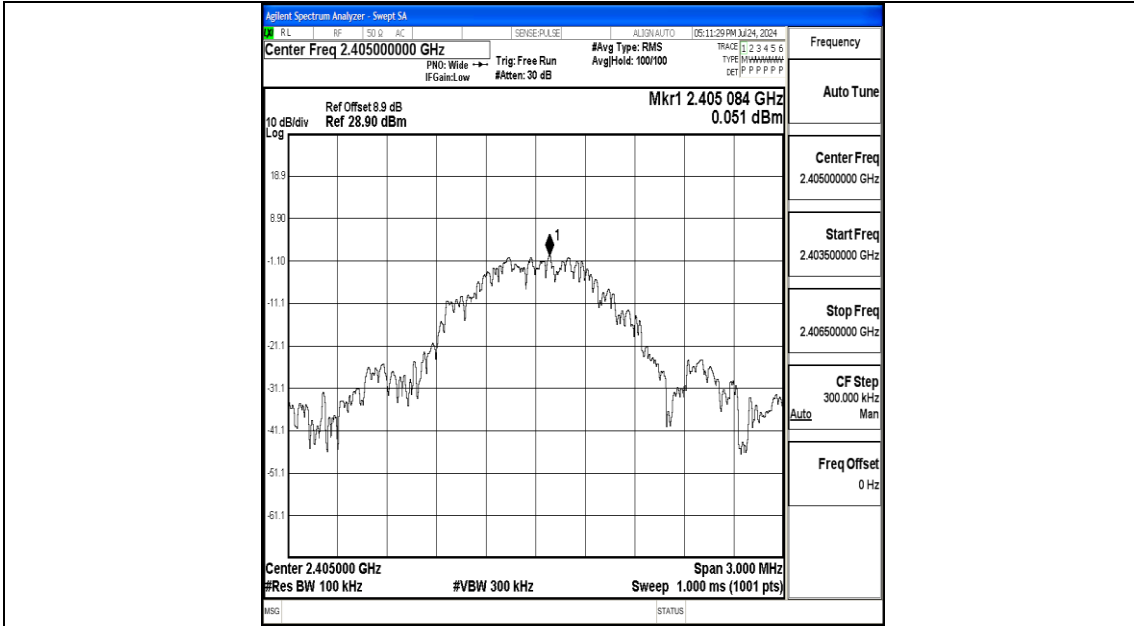
SRD-Ant1-2475-PASS

Appendix F: Conducted Spurious Emission

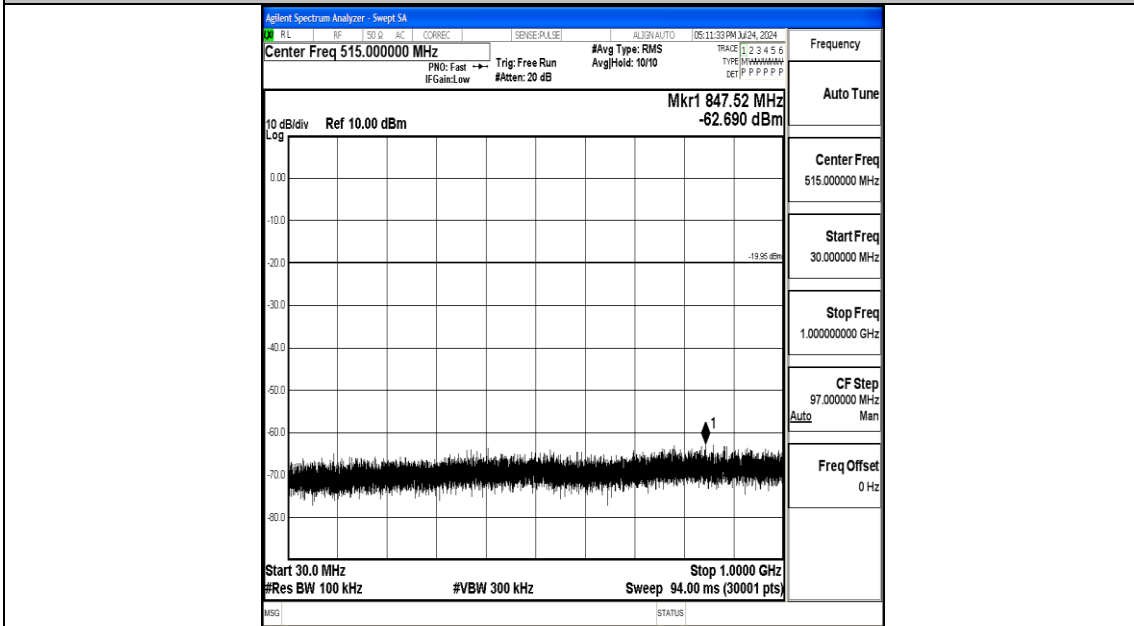
Test Result

TestMode	Antenna	Frequency[MHz]	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
SRD	Ant1	2405	0~Reference	0.05	0.05	---	PASS
SRD	Ant1	2405	30~1000	0.05	-62.69	≤-19.95	PASS
SRD	Ant1	2405	1000~26500	0.05	-50.33	≤-19.95	PASS
SRD	Ant1	2439	0~Reference	-0.95	-0.95	---	PASS
SRD	Ant1	2439	30~1000	-0.95	-62.5	≤-20.95	PASS
SRD	Ant1	2439	1000~26500	-0.95	-49.02	≤-20.95	PASS
SRD	Ant1	2475	0~Reference	-0.07	-0.07	---	PASS
SRD	Ant1	2475	30~1000	-0.07	-62.89	≤-20.07	PASS
SRD	Ant1	2475	1000~26500	-0.07	-49.81	≤-20.07	PASS

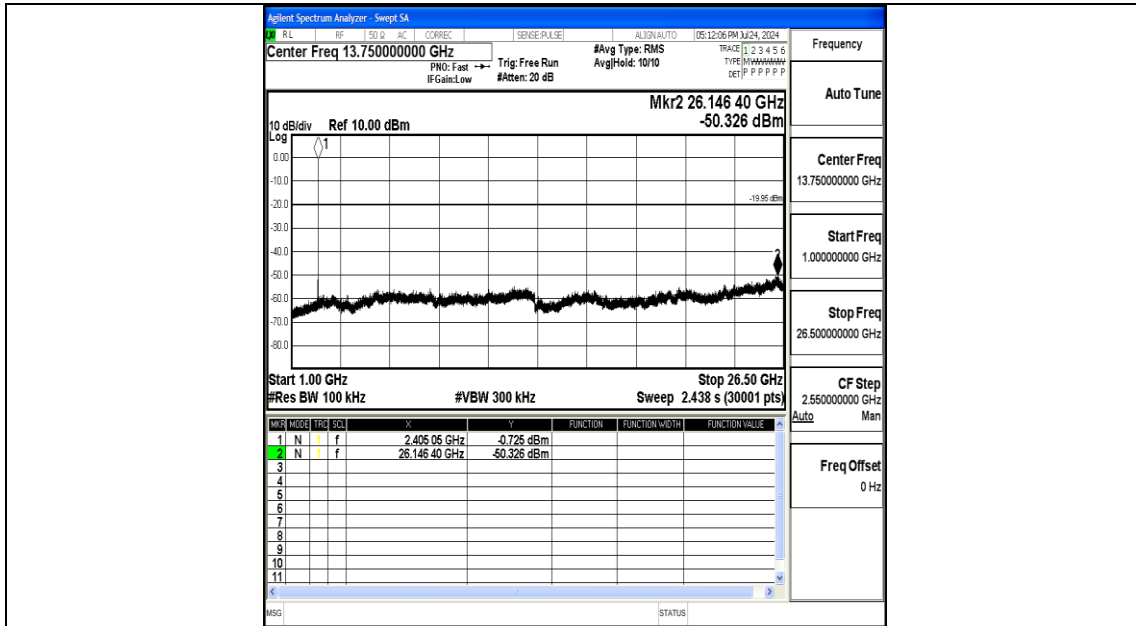
Test Graphs



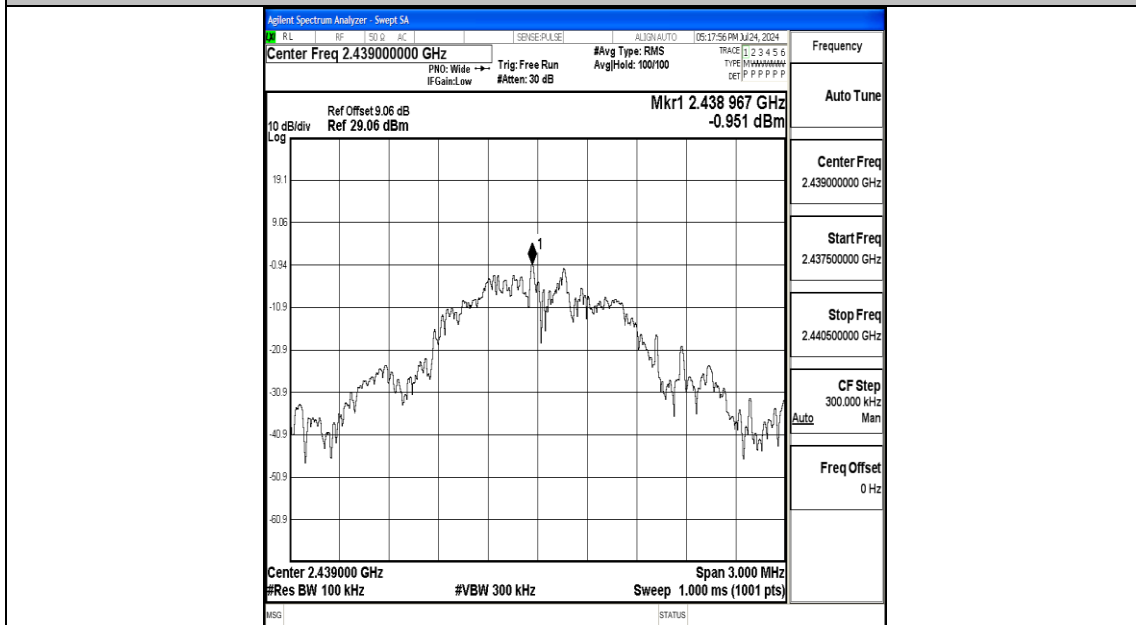
SRD-Ant1-2405-0~Reference-PASS



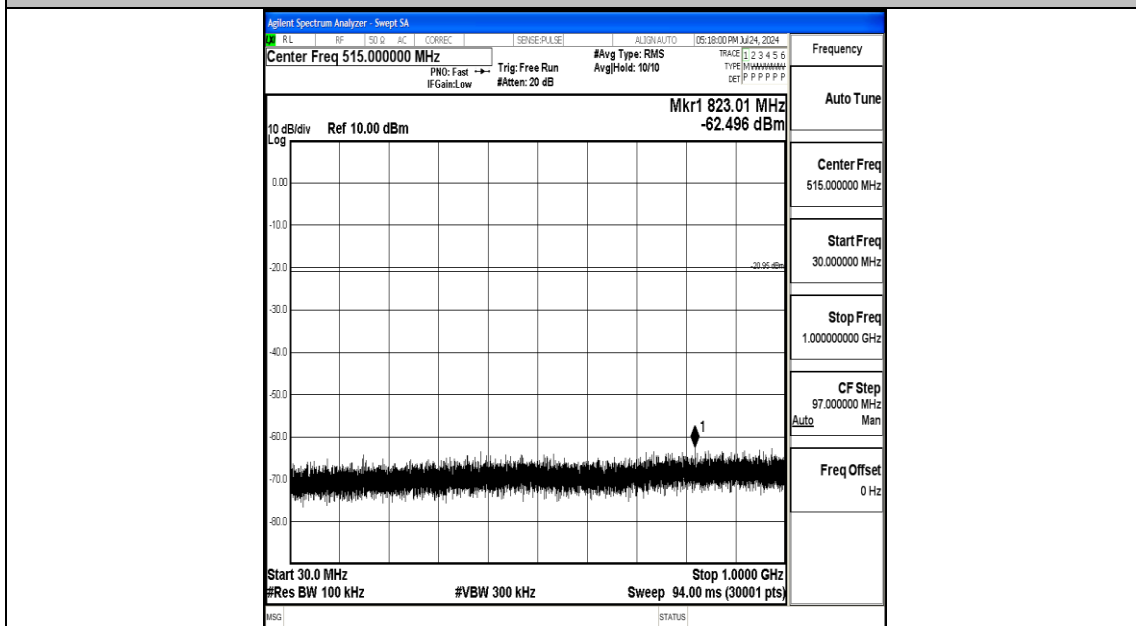
SRD-Ant1-2405-30~1000-PASS



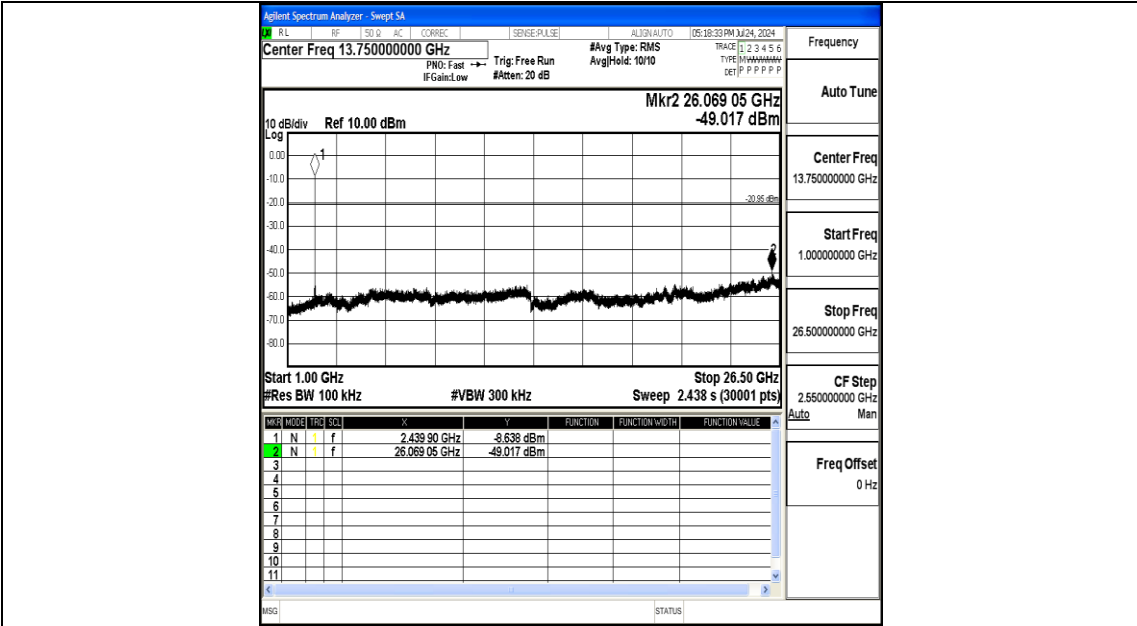
SRD-Ant1-2405-1000~26500-PASS



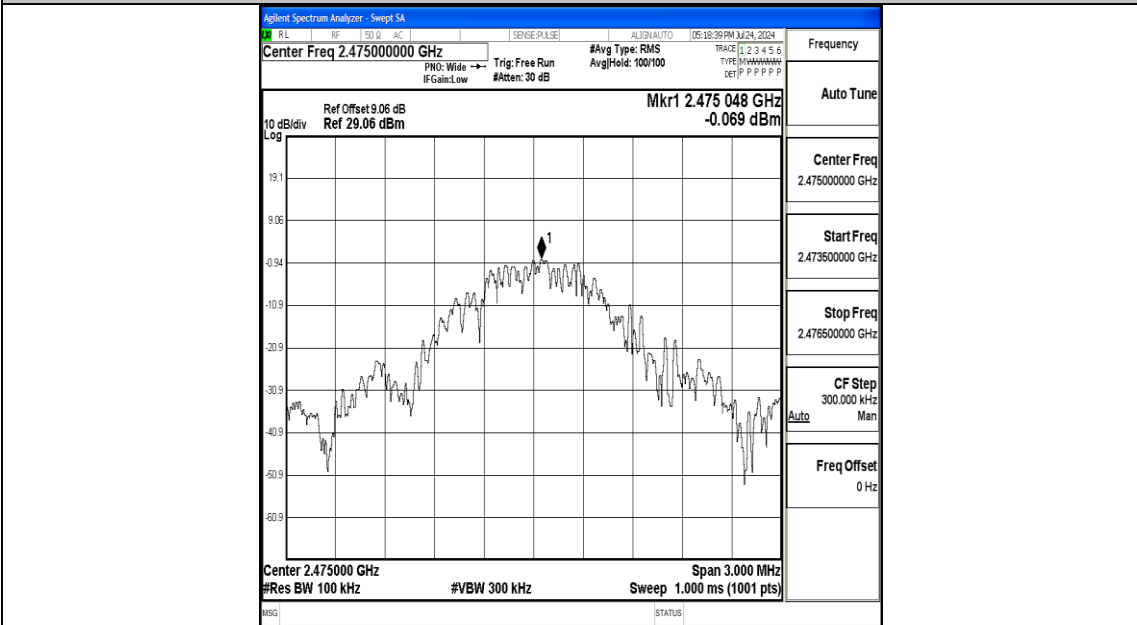
SRD-Ant1-2439-0~Reference-PASS



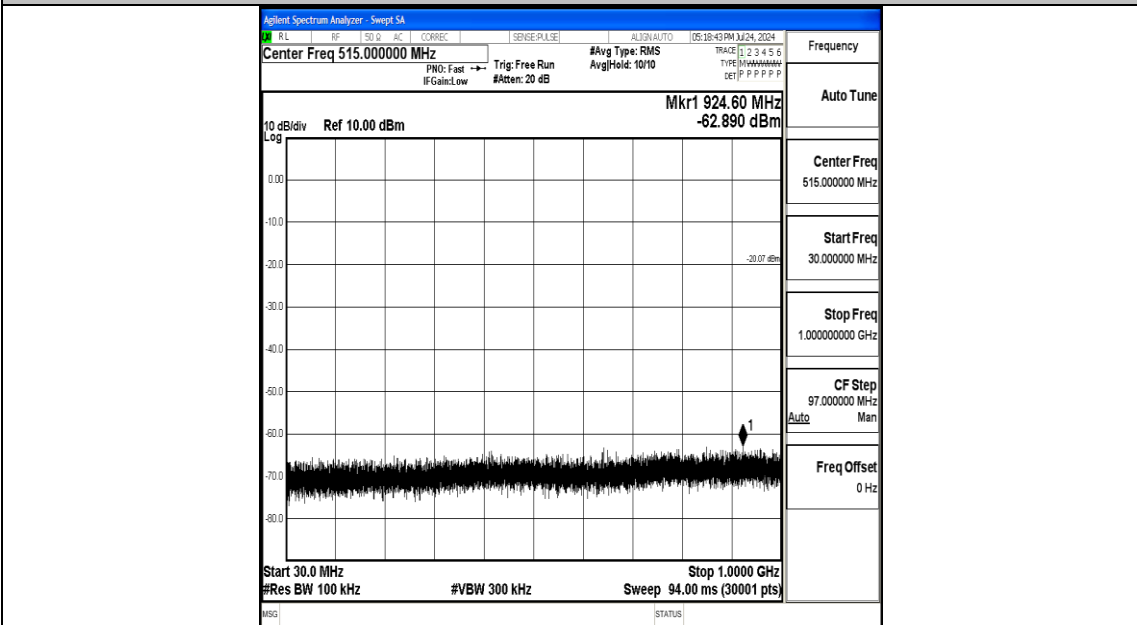
SRD-Ant1-2439-30~1000-PASS



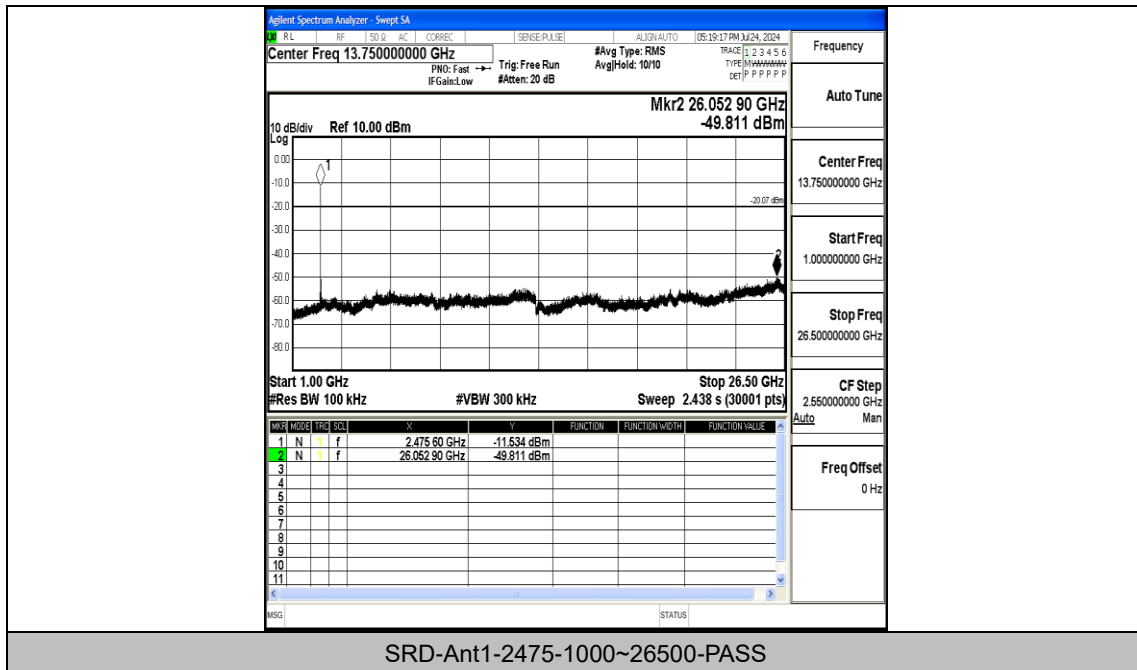
SRD-Ant1-2439-1000~26500-PASS



SRD-Ant1-2475-0~Reference-PASS



SRD-Ant1-2475-30~1000-PASS

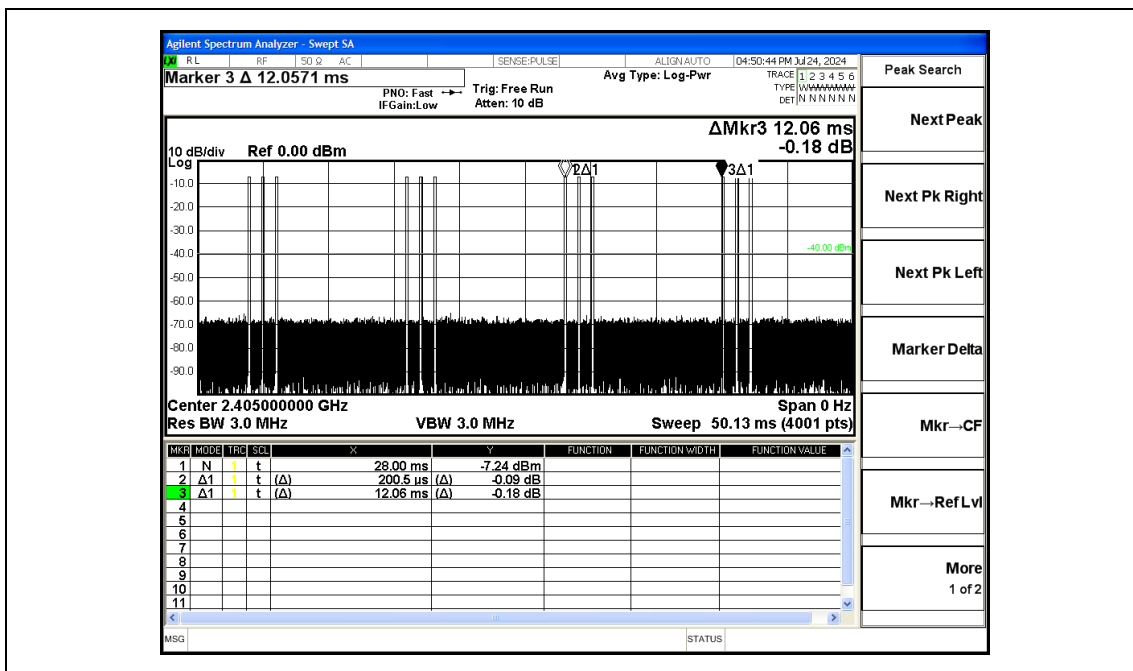


Appendix G: Duty Cycle

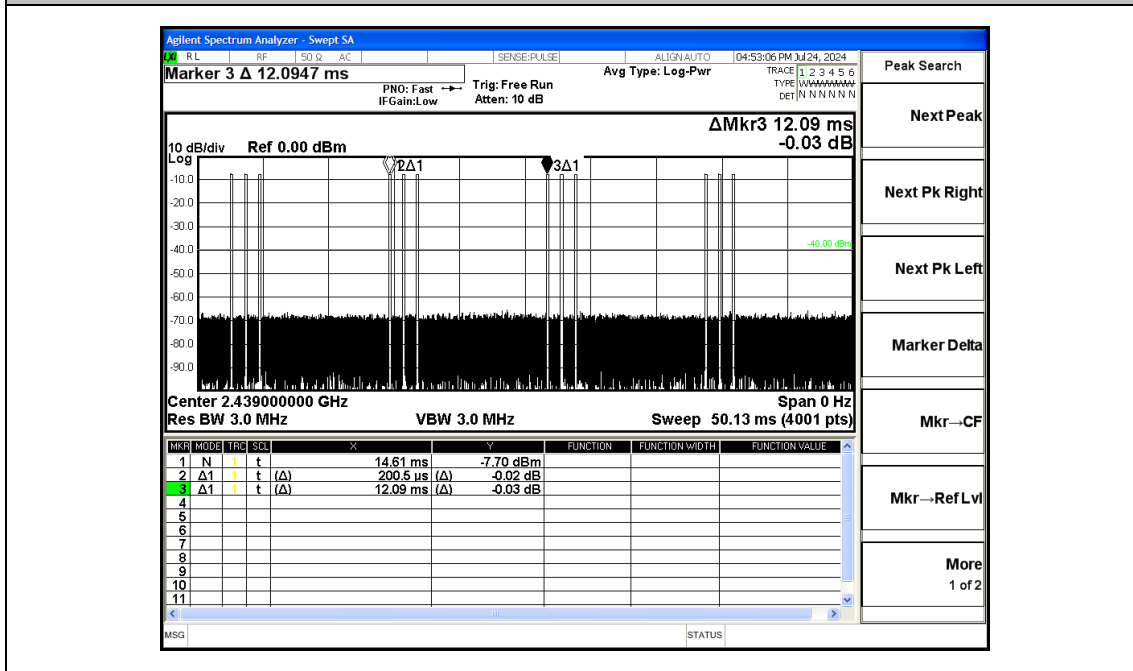
Test Result

TestMode	Antenna	Frequency[MHz]	Burst length[ms]	Burst No.	ON Time [ms]	Period [ms]	Duty Cycle [%]
SRD	Ant1	2405	0.20	3	0.60	12.06	4.98
SRD	Ant1	2439	0.20	3	0.60	12.09	4.96
SRD	Ant1	2475	0.16	3	0.48	12.06	3.98

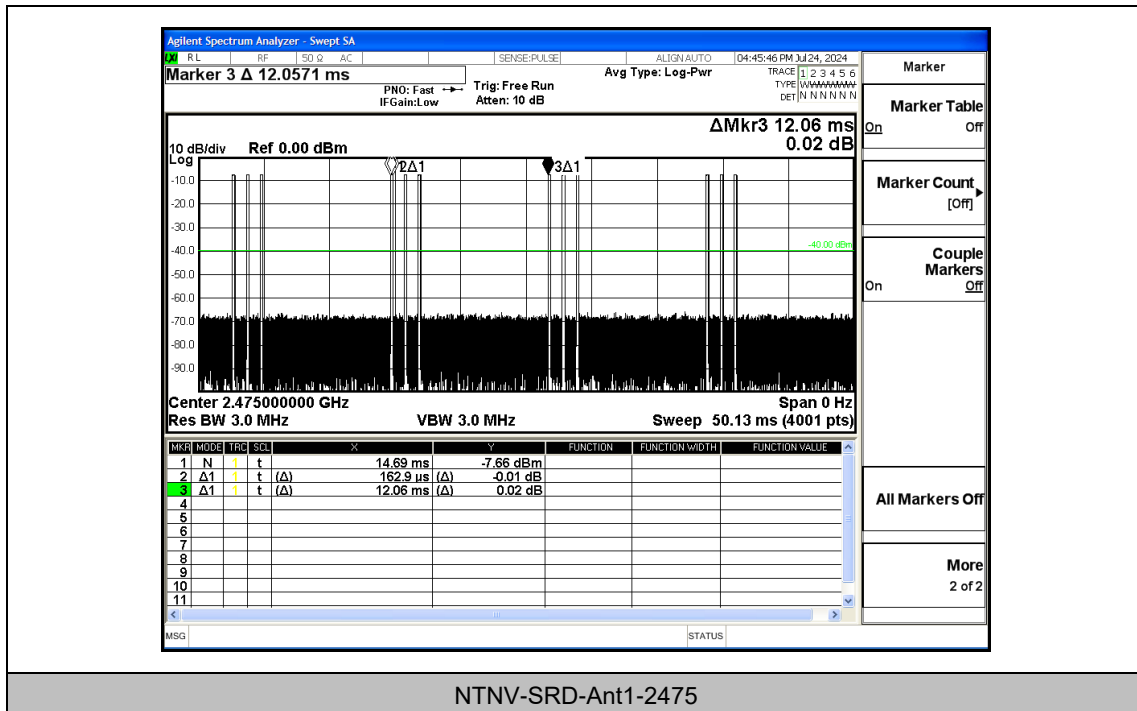
Test Graphs



NTNV-SRD-Ant1-2405



NTNV-SRD-Ant1-2439



NTNV-SRD-Ant1-2475